

Cape Light Compact JPE Executive Committee & Governing Board Meeting

DATE: Wednesday, June 13, 2018
LOCATION: Cape Light Compact Offices – MV Conference Room
261 Whites Path, Unit 4, South Yarmouth
TIME: 2:00 – 4:30 p.m.

AGENDA

2:00 PM Open Session Vote on entry into Executive Session pursuant to M.G.L. c. 30A §21(a)(10) to discuss trade secrets and confidential, competitively-sensitive or other proprietary power supply information; potential vote related to the Cape Light Compact 2019 and beyond power supply program portfolio (renewable energy generation and Renewable Energy Certificates (“REC”) contracting); and to review and approved Executive Session Minutes

RETURN TO OPEN SESSION

Public Comment

Approval of Minutes

Chairman’s Report

Fiscal Report, Peter Cocolis

Overview of DPU 15-122 Eversource Grid Modernization Plan Decision, Jeff Bernstein

2017 Energy Efficiency Program Term Report Presentation, Briana Kane

Administrator’s Report:

1. September Board Meeting
2. Potential Vote on Administrator’s Duties during Vacation

Board Member Update (Reserved for Updates on Member Activities the Chair Did Not Reasonably Anticipate Would be Discussed – No Voting)

Draft Minutes subject to correction, addition and Committee/Board Approval

**Cape Light Compact JPE
Governing Board and Executive Committee
Open Session Meeting Minutes
Wednesday, May 9, 2018**

The Cape Light Compact JPE Board of Directors and Executive Committee met on Wednesday, May 9, 2018 in the Martha's Vineyard Conference Room at the Cape Light Compact JPE Offices at 261 Whites Path, Yarmouth MA 02664 at 2:00PM.

Present Were:

1. David Anthony, Secretary, Barnstable
2. Peter Doyle, Barnstable Alternate
3. Robert Schofield, Executive Committee, Bourne
4. Colin Odell, Brewster
5. Peter Cocolis, Executive Committee, Chatham
6. Brad Crowell, Dennis
7. Fred Fenlon, Eastham
8. Ronald Zweig, Vice-Chair, Falmouth
9. Martin Culik, Orleans
10. Thomas Donegan, Executive Committee, Provincetown
11. Leanne Drake, Sandwich
12. Richard Elkin, Wellfleet
13. Sue Hruby, West Tisbury – By phone
14. Joyce Flynn, Chair, Yarmouth

Absent Were:

1. Michael Hebert, Aquinnah
2. Timothy Carroll, Chilmark
3. Robert Hannemann, Duke's County
4. Paul Pimentel, Edgartown
5. Valerie Bell, Harwich
6. Wayne Taylor, Mashpee
7. Richard Toole, Executive Committee, Oak Bluffs
8. Jay Grande, Tisbury
9. Jarrod Cabral, Truro

Members/Alternates

Physically present: 13

Present by phone: 1

Legal Counsel:

Jeffrey Bernstein, Esq., BCK Law, P.C.

Staff Present:

Austin Brandt, Senior Power Supply Planner

Briana Kane, Planning and Evaluation Manager

Joanne Nelson, Comptroller

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Lindsay Henderson, Senior Energy Efficiency Program and Marketing Analyst
Maggie Downey, Administrator
Margaret Song, C&I Program Manager
Melissa Allard, Senior Administrative Coordinator

Public Present:

Lisa Coedy, Yarmouth

Joyce Flynn called the meeting to order at 2:03 PM. Joyce Flynn recognized Sue Hruby of West Tisbury who was remotely participating because physical attendance at the meeting would be unreasonably difficult.

Open Session Vote on entry into Executive Session pursuant to M.G.L. c. 30A §§21(a)(3) to discuss matters below, to return to open session:

1. Trade secrets and confidential, competitively-sensitive or other proprietary power supply information and determine whether it is appropriate to release any portion of confidential contract provisions.
Potential Vote

Joyce Flynn at 2:05 PM moved to enter into Executive Session pursuant to MGL Chapter 30A §21(a) 10 to discuss trade secrets, confidential and competitively sensitive information relative to pricing exhibits of Compact power supply contracts.

Joyce Flynn declared that an open session may have adversely affect the Cape Light Compact's ability to conduct business in relation to other entities making, selling or distributing electric power and energy. The governing Board will return to Open Session at the conclusion of Executive Session. Seconded by Robert Schofield.

David	Anthony	Barnstable	Yes
Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Brad	Crowell	Dennis	Yes
Fred	Fenlon	Eastham	Yes
Ronald	Zweig	Falmouth	Yes
Martin	Culik	Orleans	Yes
Thomas	Donegan	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (13 – 0 – 0)

At 3:27 PM, Joyce Flynn asked for a motion to end executive session, moved by Thomas Donegan, seconded by Richard Elkin.

David	Anthony	Barnstable	Yes
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Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Brad	Crowell	Dennis	Yes
Fred	Fenlon	Eastham	Yes
Ronald	Zweig	Falmouth	Yes
Martin	Culik	Orleans	Yes
Thomas	Donegan	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (13 – 0 – 0)

PUBLIC COMMENT:

Lisa Coedy thanked the Compact for all the work they do to reduce emissions. She asked that the Compact support offshore wind and was attending the Board Meeting in hopes of hearing a commitment to higher additionality.

APPROVAL OF MINUTES:

The Board considered the April 11, 2018 Meeting Minutes. David Anthony stated that the minutes should be amended as the last vote total should equal 16 and reflected as such.

Robert Schofield moved the Board to accept the minutes as amended, seconded by Colin Odell.

David	Anthony	Barnstable	Yes
Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Brad	Crowell	Dennis	Yes
Fred	Fenlon	Eastham	Yes
Ronald	Zweig	Falmouth	Abstained
Martin	Culik	Orleans	Yes
Thomas	Donegan	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (12 – 0 – 1)

CHAIRMAN'S REPORT:

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Joyce Flynn congratulated the work Board Members have been doing to assist their towns in becoming a Green Community, and to make them greener and more energy efficient. She thanked Margaret Song for her part in it all. Joyce Flynn asked that Board Members come up with three to four fall meetings or events the Compact should participate in.

FISCAL REPORT, PETER COCOLIS:

Peter Cocolis stated that the operating budget is in good shape.

Thomas Donegan asked if the Compact is saving money since it has separated from the Barnstable County. Maggie Downey replied that she would look into it and is planning on putting together a report a year after being separated from the Barnstable County to compare a full year's worth of expenses side by side.

ENERGY EFFICIENCY PROGRAM:

1. Vote to Approve \$270,000 for Barnstable High School

Margaret Song has been working with Barnstable High School on updating their stage lighting. She stated that stage lighting is very complex and expensive. However, LED pricing is coming down in this area. Martin Culik asked if this is something Board members should mention to schools in their town. Margaret Song stated that the Board could do so to see if anything has changed since the last time the Compact has visited the schools. With more outside groups also using these school auditoriums, there is an increased need to update the lighting. David Anthony showed support for the Barnstable High School because they are constantly looking for ways to become more energy efficient. Ron Zweig stated that the cost for maintenance would also go down due to the LED bulbs being cooler and therefore equipment wouldn't warp.

Martin Culik moved the CLCJPE Board of Directors vote to approve an incentive of up to \$270,000 for stage lighting for the Barnstable High School's Knight Auditorium. The Compact Administrator is authorized and directed to take all actions necessary or appropriate to implement this vote, and to execute and deliver all documents as may be necessary or appropriate to implement this vote. Seconded by Thomas Donegan.

David	Anthony	Barnstable	Yes
Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Brad	Crowell	Dennis	Yes
Fred	Fenlon	Eastham	Yes
Ronald	Zweig	Falmouth	Yes
Martin	Culik	Orleans	Yes
Thomas	Donegan	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (13 - 0 - 0)

UPDATE ON MARKETING, LINDSAY HENDERSON:

Lindsay Henderson handed out flyers to the Board for the dehumidifier turn-in events coming up in June for them to put up. There is a promotion starting May 14th until June 15th where customers receive a \$100 rebate when they recycle their old residential sized refrigerators or freezers. Also, the Compact is sending out postcards to seasonal residents to get them thinking about signing up for energy assessments on their home and in June the Compact will be partnering with a Brazilian radio station to promote energy assessments.

ADMINISTRATOR'S REPORT:

1. Speaking Points for Updating the Towns' Selectmen

Maggie Downey handed out speaking points to the Board Members to share with their Board of Selectmen to give them an update on what the Compact has been doing.

2. Update on 2017 Energy Efficiency Term Report

Maggie Downey stated that the staff is working on the 2017 term report, which will be filed June 8th.

3. FAQ on Compact Pension and OPEB Liabilities

Maggie Downey advised the Board stated that the FAQ's were drafted by our auditor and Joanne Nelson and it will be posted on the Compact's website.

4. 2017 Audit Starting June 11th

Maggie Downey stated that the auditors will be coming to the Compact's office soon. She noted that the 2017 audit will require coordination with Barnstable County as they were providing financial services to the Compact for the first half of 2017. She is unsure of the date they will be done but will let the Board know. Once everything is complete, the auditors will then present the information at a future meeting.

5. Vote to Authorize and/or Ratify the Compact's Treasurer's Establishment of a Line of Credit and Letter of Credit with Rockland Trust for the ISO New England Forward Capacity Market and Potential Renewable Energy Certificate

Maggie Downey stated that the language of the vote was put together by the bank and legal counsel. Ron Zweig asked if it is proper for Rockland Trust to provide these credit facilities. Maggie Downey answered that it is because they oversee the Compact's funds. Richard Elkin asked if it is going to cost the Compact for the letter of credit. Maggie Downey answered that it would be a \$20,000 annual fee and will come out of the energy efficiency budget because the letter of credit is required by ISONE to participate in the Forward Capacity Market (FCM). Ron Zweig asked if we have done this before. Maggie Downey stated that the Compact has not.

Martin Culik moved the CLC/JPE Board of Directors vote to (i) ratify the CLC/JPE Treasurer's application for a Line of Credit and Letter of Credit in the amount of \$2,000,000 with Rockland Trust for the purpose of posting a form of financial assurance as required by the Independent System Operator of New England (ISONE) as part of the CLC/JPE participation in the ISONE Forward Capacity Market (FCM), and for posting a form of financial surety for potential Renewable Energy Certificate (REC) contract, (ii) authorize both the CLC/JPE Treasurer and Compact Administrator to jointly execute the following documents and instruments related to the

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Line of Credit and Letter of Credit: (a) Loan Agreement, (b) Account Pledge and Security Agreement (Cash Collateral), and (c) Commercial Promissory Note.

The Compact Administrator is authorized and directed to take all actions necessary or appropriate to implement this vote, and to execute and deliver all documents as may be necessary or appropriate to implement this vote. Seconded by Robert Schofield.

David	Anthony	Barnstable	Yes
Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Brad	Crowell	Dennis	Yes
Fred	Fenlon	Eastham	Yes
Ronald	Zweig	Falmouth	Yes
Martin	Culik	Orleans	Yes
Thomas	Donegan	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (13 – 0 – 0)

Brad Crowell and Sue Hruby left the meeting at 4:20.

ADJOURNMENT:

Motion to adjourn made at 4:20 PM moved by David Anthony, seconded by Peter Cocolis.

Respectfully submitted,

Melissa Allard

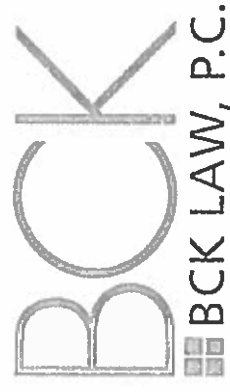
LIST OF DOCUMENTS AND EXHIBITS:

- Meeting Notice / Agenda
- BCK Law Document
- April 11, 2018 Draft Meeting Minutes
- 2018 Operating Budget Report
- 2018 Energy Efficiency Budget Report
- Agenda Action Request: Proposed Incentive for Barnstable High School Retrofit Project
- FAQs on Cape Light Compact JPE Pension and Other Post-Employment Benefits (OPEB) Liabilities
- Agenda Action Request: Ratify Treasure's Establishment of Line of Credit and Letter of Credit for Cape Light Compact JPE
- Recycle Your Dehumidifier Flyers

Cape Light Compact JPE
2018 Operating Fund 001
Budget Report
As of May 31, 2018

	<u>Budget Amount</u>	<u>Actual Amount</u>	<u>Remaining Amount</u>	<u>Remaining %</u>
REVENUE				
OPERATING FUND CY18-TRANSFERS IN	848,765.00	424,382.50	424,382.50	50.00%
OPERATING FUND CY18-INTEREST INCOME	0.00	20,764.35	(20,764.35)	
TOTAL REVENUES	848,765.00	445,146.85	403,618.15	
EXPENSES				
OPERATING FUND CY18-ADVERTISING (POWER SUPPLY)	85,000.00	11,926.15	73,073.85	85.97%
OPERATING FUND CY18-AUDIT FEES	11,250.00	612.50	10,637.50	94.56%
OPERATING FUND CY18-BANK FEES	500.00	0.00	500.00	100.00%
OPERATING FUND CY18-BUILDING RENOVATNS/FURNITU	4,500.00	615.97	3,884.03	86.31%
OPERATING FUND CY18-COMPUTER EQUIPMENT	5,000.00	0.00	5,000.00	100.00%
OPERATING FUND CY18-CONTRACTUAL	54,500.00	28,107.00	26,393.00	48.43%
OPERATING FUND CY18-CUSTODIAL SERVICES	4,438.00	1,419.84	3,018.16	68.01%
OPERATING FUND CY18-FINANCIAL SOFTWARE SYSTEM	6,250.00	2,700.00	3,550.00	56.80%
OPERATING FUND CY18-FOOD SUPPLIES	5,500.00	4,638.14	861.86	15.67%
OPERATING FUND CY18-GROUP INSURANCE	19,790.00	8,510.29	11,279.71	57.00%
OPERATING FUND CY18-IN STATE TRAVEL	16,000.00	5,753.45	10,246.55	64.04%
OPERATING FUND CY18-INSURANCE	10,600.00	0.00	10,600.00	100.00%
OPERATING FUND CY18-INTERNET	2,700.00	1,218.40	1,481.60	54.87%
OPERATING FUND CY18-IT SERVICES	5,000.00	53.68	4,946.32	98.93%
OPERATING FUND CY18-LEGAL SERVICES	263,660.00	157,998.52	105,661.48	40.07%
OPERATING FUND CY18-MEDICARE	2,060.00	690.13	1,369.87	66.50%
OPERATING FUND CY18-MISC FRINGES	7,090.00	67.43	7,022.57	99.05%
OPERATING FUND CY18-MISC RENTALS	5,000.00	1,078.62	3,921.38	78.43%
OPERATING FUND CY18-OPEB LIABILITY	7,100.00	0.00	7,100.00	100.00%
OPERATING FUND CY18-OUT OF STATE TRAVEL	1,600.00	0.00	1,600.00	100.00%
OPERATING FUND CY18-OUTREACH/MARKETING SERV	15,000.00	2,619.00	12,381.00	82.54%
OPERATING FUND CY18-PAYROLL SERVICES	1,500.00	1,145.50	354.50	23.63%
OPERATING FUND CY18-POSTAGE	26,000.00	2,843.19	23,156.81	89.06%
OPERATING FUND CY18-PRINTING	12,500.00	4,628.23	7,871.77	62.97%
OPERATING FUND CY18-PROFESSIONAL DEVELOPMENT	5,000.00	0.00	5,000.00	100.00%
OPERATING FUND CY18-RENT	22,500.00	9,375.00	13,125.00	58.33%
OPERATING FUND CY18-RETIREMENT	35,447.00	0.00	35,447.00	100.00%
OPERATING FUND CY18-RETIREMENT LIABILITY	5,300.00	0.00	5,300.00	100.00%
OPERATING FUND CY18-SALARIES	141,790.00	47,596.76	94,193.24	66.43%
OPERATING FUND CY18-SALARY RESERVE	5,000.00	0.00	5,000.00	100.00%
OPERATING FUND CY18-SHIPPING/FREIGHT	500.00	49.98	450.02	90.00%
OPERATING FUND CY18-SOFTWARE LICENSES	3,750.00	0.00	3,750.00	100.00%
OPERATING FUND CY18-SPONSORSHIPS	35,000.00	26,301.00	8,699.00	24.85%
OPERATING FUND CY18-SUBSCRIPTIONS	5,500.00	5,496.40	3.60	0.07%
OPERATING FUND CY18-SUPPLIES	2,500.00	24.37	2,475.63	99.03%
OPERATING FUND CY18-TELEPHONES	6,540.00	1,572.97	4,967.03	75.95%
OPERATING FUND CY18-TREASURY SERVICES	5,000.00	1,506.25	3,493.75	69.88%
OPERATING FUND CY18-UNPAID BILLS	2,000.00	0.00	2,000.00	100.00%
OPERATING FUND CY18-UTILITIES	400.00	202.50	197.50	49.38%
TOTAL EXPENSES	848,765.00	328,751.27	520,013.73	61.27%
CHANGE IN NET POSITION	0.00	116,395.58		

**GRID MODERNIZATION
D.P.U. 15-120/121/122 Order**



**Presented by:
Jeffrey M. Bernstein, Esq.
6/13/2018**

Cape Light Compact Board Meeting

Background of Grid Modernization Investigation

- 2012: DPU opens investigation (D.P.U. 12-76)
 - Begins stakeholder process
 - CLC participated in meetings, submitted comments
- 2014: D.P.U. 12-76-B Order
 - required distribution companies to submit grid modernization plans (“GMPs”) in separate proceedings
 - Notably, required proposals for universal Advanced Metering Functionality (“AMF”) deployment
- 2015: GMPs submitted (later modified)
 - Eversource, National Grid and Unitil propose vastly different plans
- 2017: Adjudicatory proceedings commence after long delay
 - CLC participated as a full party (testimony, briefs, hearings)

Overview of Order

The Order addressed proposals by all three electric distribution companies.

- Grid modernization investments (customer-facing, grid-facing, and other investments)
- metrics related to those investments
- cost recovery for grid modernization
- review and schedule of future regulatory filings

Focus of this presentation is the Eversource GMP.

Customer-Facing Investments Advanced Metering Functionality (1 of 2)

- **Distribution Company Proposals**
 - Included AMF deployment (to varying degrees), associated back office upgrades, and customer engagement strategies.
 - Eversource proposed a limited opt-in AMF program.
 - Eversource customers required to commit to Basic Service to receive an advanced meter.
- **No Customer-Facing/AMF investments were approved.**
 - Rejected Eversource's opt-in proposal.
 - Delayed AMF deployment at least 3 years, will be subject of new investigation.
 - Rejected Eversource and Unitil proposals to restrict AMF deployment to Basic Service.
 - DPU noted significant increase in customers on competitive supply in recent years.
 - The Compact strongly opposed this proposal by Eversource.

Customer-Facing Investments Advanced Metering Functionality (2 of 2)

Cost/Benefits of AMF not currently justified for DPU

- \$1.5 billion costs state-wide.
- Eversource's cost estimates were flawed and not supported.
 - CLC along with other parties made these arguments.

Billing Systems – major upgrade costs were proposed.

- DPU found billing system issues could create a barrier to participation by customers on competitive supply.
- Placed on agenda for new investigation.

Customer-Facing Investments New Investigation (1 of 2)

DPU ordered New Investigation on AMF

How can AMF be deployed in a cost-effective manner to benefit all ratepayers?

- DPU remains persuaded that AMF is required to achieve grid modernization objectives.
 - This aligns with the Compact's position in 15-122.
- Alternative technology solutions without retiring existing AMR?
- DPU needs some certainty of the "wide adoption of dynamic pricing products from the competitive supply market" to go forward with AMF deployment.
 - "A high level of participation in dynamic pricing, such as TVR, is needed to maximize the benefits of customer-facing technologies as a growing number of the Companies' customers receive competitive supply."

Customer-Facing Investments New Investigation (2 of 2)

- Inclusion of competitive supply and municipal aggregation in AMF deployment.
- AMF deployment to targeted groups
 - Maggie Downey testimony advocated for the Compact as a targeted group
 - Compact customers' high level of engagement
- Development of uniform state-wide data access strategy
 - Access to customer data critical for competitive suppliers to participate
 - Billing system limitations

Grid-Facing Investments

DPU approved most grid-facing investments

- Pre-approved three-year spending budget/cap for distribution companies
 - \$143 million for Eversource (e.g., distribution management systems, WVO, advanced sensing, overhead automated feeder reconfiguration, etc.)
- Focus on storm resiliency
- Rejected Eversource's remote circuit fault indicator investment based on Compact arguments

Other Investments

- Approved Cybersecurity Plans for grid-facing investments (included in pre-authorized budgets).
- Rejected Unital's proposal to recover some investments through energy efficiency (investments were on the distribution system rather than behind the meter).
- DPU stated the energy efficiency model should be "fully leveraged" in considering next steps in grid modernization.
- Rejected research, development and deployment proposals as insufficiently detailed (as argued by the Compact).

Metrics

- DPU approved some metrics, but found metrics need more work.
- Companies to file revised metrics by August 8th.
 - Stakeholder process to review
- Metrics performance will not be subject to financial penalties.

Cost Recovery

- DPU made fundamental changes to previous orders on cost recovery:
 - Eliminated AMF prerequisite for targeted cost recovery of grid modernization investments
 - Replaced capital tracker with a reconciling mechanism allowing targeted recovery of capital investments and incremental grid mod-related O&M
- Recovery through Grid Modernization Factor in tariff
- Rejected forward-looking cost recovery

Future Grid Mod Regulatory Filings

Companies must file:

- Forward-looking plans:
 - 3-year short-term investment plans (next plan due July 1, 2020)
 - 5-year strategic grid modernization plans
 - How will Companies make measurable progress towards grid mod objectives?
- Grid modernization annual reports (April 1st each year)
- Term Reports (every 3 years)
 - Adjudicatory proceeding
 - Whether each Company properly implemented pre-approved investments

Pros/Cons of Order

Cons:

- No short-term full AMF deployment; slower AMF deployment.
- Deployment may not be 100% of Massachusetts ratepayers if remains targeted.

Pros:

- Beneficial language on grid mod direction (e.g., commitment to AMF deployment; inclusion of competitive suppliers in AMF/TVR; data access for competitive suppliers).
- New investigation is a significant opportunity for Compact (targeted AMF).
- Data access for competitive supply.
- Recognition of utility billing systems as barriers.

Impact of CLC's Participation

- Notably, the Compact can take direct credit for the Order addressing competitive markets and rejecting Eversource's remote circuit fault indicators investment proposal.
- Shared credit for attacking Eversource's cost-benefit assumptions.
- Rejection of Eversource's opt-in program, which was strongly opposed by Compact.
- The Compact highlighted problems with Eversource's billing system. (Based on that, Eversource will not be making expensive upgrades to its billing system simply to accommodate opt-in basic service customers).
- Shared credit in DPU rejecting the Companies' R,D&D proposals.

Next Steps

- Department Process
 - Motions for Reconsideration due 5/30/18
 - BCK did not recommend filing for reconsideration
 - Eversource filed a Motion on two procedural issues
- Appeal Process
 - Appeal to SJC due 5/30/18; no party filed for appeal
 - BCK did not recommend filing for appeal
- New Investigation
 - Strongly recommend CLC participation
- Compliance Filings
 - Metrics – recommend participating in stakeholder process
- Review of future grid modernization regulatory plans/filings

2017 Annual Report

Cape Light Compact Governing Board Meeting

June 13, 2018

**Cape Light
Compact**



Working Together Toward A Smarter Energy Future

Introduction



- 2016 – 2018 is the third 3-year Energy Efficiency Plan files by the PAs
- \$2.27 saved for every \$1 invested in efficiency measures
- Savings are equivalent to*:
 - Removing 7,886 cars from the road for one year
 - 4,143,899 gallons of gasoline not consumed
 - Carbon sequestered by 43,377 acres of U.S. forests in one year

*<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

2017 Customers



Customer Class	Number of Customers
Residential	168,508
Low-Income	9,765
C&I	24,748
Street Lighting	2,232
Total	205,253

Benefits =

- Electric Savings
- Avoided Costs
 - Electricity Generation and Transmission
- Non-Electric Impacts
 - Non-Electric Benefits (NEBs)
 - Fuel Savings (Oil, Natural Gas, Propane)
 - Non-Energy Impacts (NEIs)
 - Reduced Water/Sewer Costs
 - Reduced Lighting/Equipment Maintenance
 - Increased Property Value



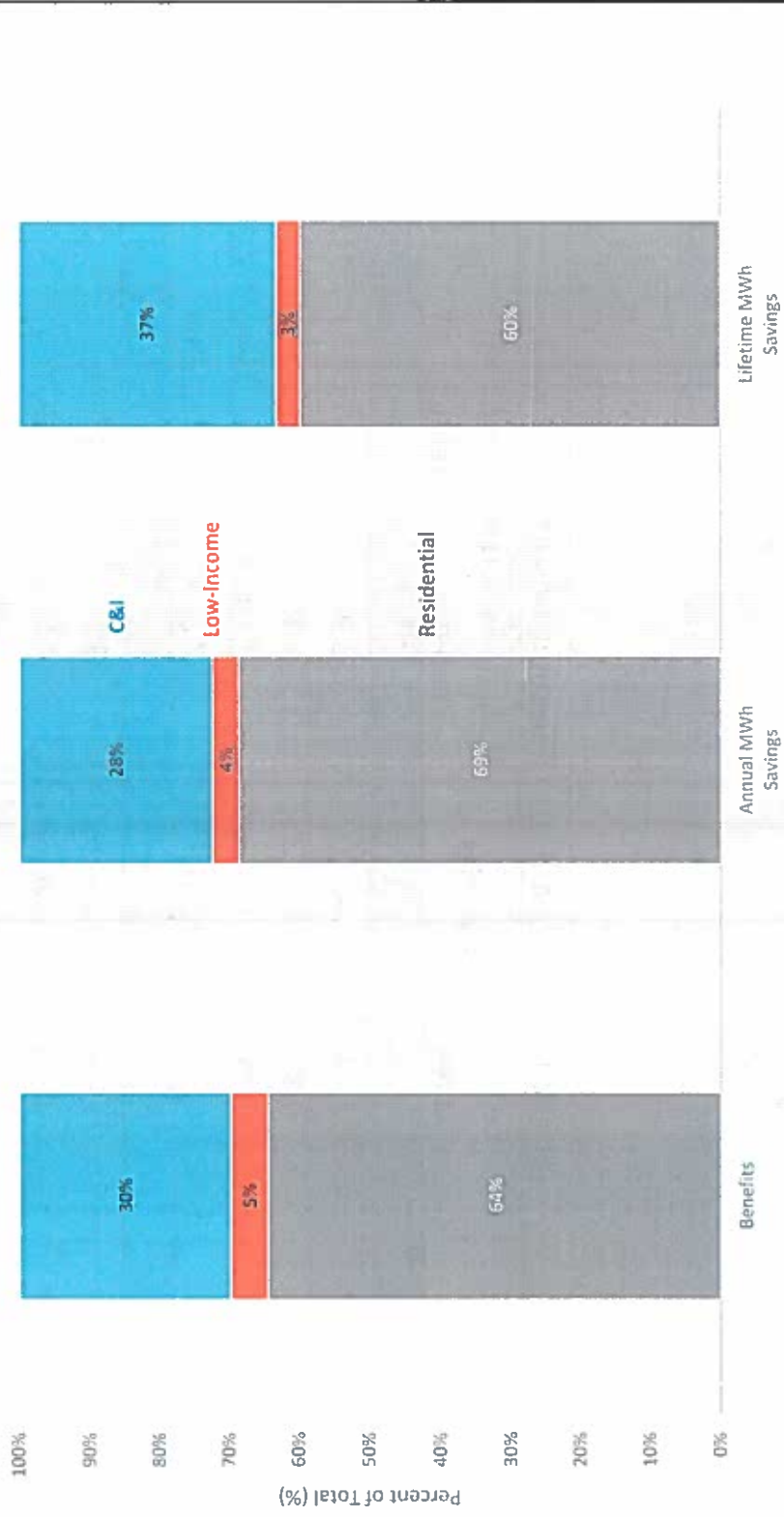
Cape Light
Compact

2017 Results



Cape Light Compact 2017 Summary Results					
	PA Costs (aka Budget)	Benefits	Annual MWh Savings	Lifetime MWh Savings	BCR
Planned					
Residential	\$ 22,558,347	\$ 61,650,073	18,921	201,747	2.31
Low-Income	\$ 4,460,916	\$ 11,084,297	1,750	18,219	2.55
C&I	\$ 15,216,941	\$ 57,506,827	37,138	331,257	2.89
Total	\$ 42,236,204	\$ 130,241,198	57,809	551,223	2.56
Actual					
Residential	\$ 22,125,001	\$ 63,555,689	33,952	278,956	2.24
Low-Income	\$ 2,828,292	\$ 5,226,385	1,888	16,039	1.89
C&I	\$ 9,148,015	\$ 29,771,431	13,645	171,504	2.42
Total	\$ 34,101,308	\$ 98,553,505	49,484	466,498	2.27

2017 Sector Benefits & Savings

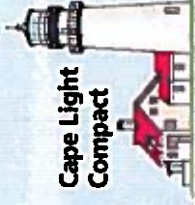


2010 – 2017 Comparison



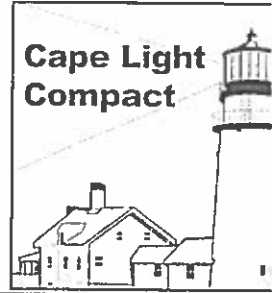
Cape Light Compact 2010-2018 Comparison									
	Actual								Projected
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Expenditures	\$14M	\$17M	\$26M	\$26M	\$37M	\$38M	\$27M	\$34M	\$47M
Benefits	\$38M	\$69M	\$96M	\$107M	\$138M	\$153M	\$91M	\$99M	\$143M
Annual Savings (MWh)	15k	25k	29k	28k	50k	53k	51k	49k	59k
Lifetime Savings (MWh)	166k	262k	297k	291k	493k	623k	429k	467k	588k
Portfolio BCR	2.54	3.60	3.18	3.55	3.21	3.85	2.42	2.27	2.66

Where to find the full report



- http://3jy14ha9u771r7qzn35g0s6c.wpengine.netdna-cdn.com/wp-content/uploads/2018/06/CLC-2017-Plan-Year-Report_FINAL_Let_2018.06.08.pdf

**Agenda Action Request
Cape Light Compact
Meeting Date: 6/13/18**



- Aquinnah
- Barnstable
- Bourne
- Brewster
- Chatham
- Chilmark
- Dennis
- Dukes County
- Eastham
- Edgartown
- Falmouth
- Harwich
- Mashpee
- Oak Bluffs
- Orleans
- Provincetown
- Sandwich
- Tisbury
- Truro
- Wellfleet
- West Tisbury
- Yarmouth

Authorize Briana Kane to Execute Specific CLCJPE Documents

REQUESTED BY: *Maggie Downey*

Proposed Motion(s)

I move the CLCJPE Board of Directors vote to authorize Briana Kane to execute all CLCJPE invoices, Accounts Payroll Warrant and staff payroll documents from Friday June 29 through July 13, 2018.

The Compact Administrator is authorized and directed to take all actions necessary or appropriate to implement this vote, and to execute and deliver all documents as may be necessary or appropriate to implement this vote.

Additional Information

The Compact Administrator will be on vacation starting Friday, June 29, 2018 and will return to the office on Monday, July 16, 2018. Authorizing Briana Kane to execute these documents will allow for the continuation of operations in the Administrators absence.

Record of Board Action

Motion by:	Second by:	# Aye	# Nay	# Abstain	Disposition